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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 09/673918

**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED
OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER		
WSUR116430		
U.S. APPLICATION NO. (if known see 37 C.F.R. 1.5)		
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/US99/08975	23 April 1999	24 April 1998
TITLE OF INVENTION		
RECOMBINANT SECOISOLARICIREBINOL DEHYDROGENASE, AND METHODS OF USE		
APPLICANT(S) FOR DO/EO/US		
Zhi-Qiang XIA, Michael A. COSTA, Laurence B. DAVIN, and Norman G. LEWIS		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information by Express Mail:

- ☒ 1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ 2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 37 U.S.C. 371.
- ☒ 3. This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).
- ☒ 4. The U.S. has been elected by the expiration of 19 months from the priority date (PCT Article 31).
- ☒ 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - ☐ a. is attached hereto (required only if not transmitted by the International Bureau).
 - ☐ b. has been transmitted by the International Bureau.
 - ☒ c. is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
- ☐ 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).

422 Rec'd PCT/PTO BOX PCT 23 OCT 2000

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- _____ a. are attached hereto (required only if not communicated by the International Bureau).
- _____ b. have been transmitted by the International Bureau.
- _____ c. have not been made; however, the time limit for making such amendments has NOT expired.
- _____ d. have not been made and will not be made.
- _____ 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- _____ 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- _____ 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

- _____ 11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
- _____ 12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- X _____ 13a. A FIRST preliminary amendment.
- _____ 13b. A SECOND or SUBSEQUENT preliminary amendment.
- _____ 14. A substitute specification.
- _____ 15. A change of power of attorney and/or address letter.
- _____ 16. Other items or information:

<input checked="" type="checkbox"/> 17. The following fees are submitted:.				CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,000 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... \$860 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$710 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$690 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100 ENTER APPROPRIATE BASIC FEE AMOUNT =				\$690	
Surcharge of \$130 for furnishing the oath or declaration later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	25- 20 =	5	X \$18	\$90	
Independent claims	6 - 3 =	3	X \$80	\$240	
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			+ \$270	\$270	
TOTAL OF ABOVE CALCULATIONS =				\$1290	
____ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$1290	
Processing fee of \$130 for furnishing the English translation later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$0	
TOTAL NATIONAL FEE =				\$1290	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				\$	
TOTAL FEES ENCLOSED =				\$1290	
				Amount to be: refunded	\$
				charged	\$

☒ 17a. A check in the amount of \$ 1290.00 to cover the above fees is enclosed. Check No. 121756

422 Rec'd PCT/PTO 23 OCT 2000 BOX PCT

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X 17c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1740. A duplicate copy of this sheet is enclosed.

SEND ALL CORRESPONDENCE TO:

Barry F. McGurl
CHRISTENSEN O'CONNOR JOHNSON KINDNESS^{PLLC}
1420 Fifth Avenue
Suite 2800
Seattle, WA 98101

Respectfully submitted,

CHRISTENSEN O'CONNOR
JOHNSON KINDNESS^{PLLC}


Barry F. McGurl
Registration No. 43,340
Direct Dial (206) 695-1775

EXPRESS MAIL CERTIFICATE"Express Mail" mailing label number: EL599431886USDate of Deposit October 23, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Maria G. Wood
(Typed or printed name of person mailing paper or fee)

Maria G. Wood
(Signature of person mailing paper or fee)

BFM:jlj